

S/N 10/643,770

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Surekha Palreddy et al.	Examiner:	Kennedy Schaetzle
Serial No.:	10/643,770	Group Art Unit:	3762
Filed:	August 19, 2003	Docket:	279.579US1
Title:	METHOD AND SYSTEM FOR NOISE MEASUREMENT IN AN IMPLANTABLE CARDIAC DEVICE		



INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), Applicants hereby authorize the Commissioner to charge the fee of \$180.00, as set forth in 37 C.F.R. §1.17(p), to Deposit Account No. 19-0743.

10/29/2004 HALI11 00000016 190743 10643770

02 FC:1806 180.00 DA

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Dkt: 279.579US1

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

The present application is either a U.S. national patent application filed after June 30, 2003 or an international application that entered the national stage under 35 U.S.C. § 371 after June 30, 2003. Thus, Applicant believes that the U.S. Patent & Trademark Office has waived the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication. The waiver is provided in a pre-OG notice from the U.S. Patent & Trademark Office entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" and dated July 11, 2003. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).


Respectfully submitted,

SUREKHA PALREDDY ET AL.

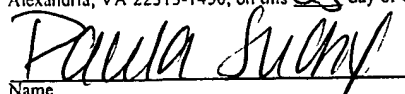
By their Representatives,

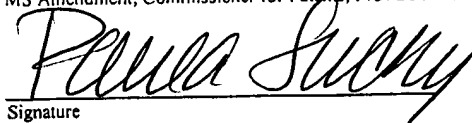
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
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Date 10-25-04

By 
J. Kevin Parker
Reg. No. 33,024

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 25 day of October, 2004.

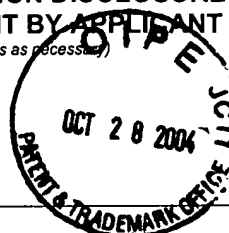

Name


Signature

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/643,770
Filing Date	August 19, 2003
First Named Inventor	Palreddy, Surekha
Group Art Unit	3762
Examiner Name	Schaetzle, Kennedy

Sheet 1 of 2

Attorney Docket No: 279.579US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-2003/0083713 A1	05/01/2003	Palreddy, S., et al.	607	28	10/29/2001
	US-2004/0030256 A1	02/12/2004	Lin, Yayun	600	509	08/06/2002
	US-2004/0106957 A1	06/03/2004	Palreddy, S., et al.	607	9	08/19/2003
	US-4,432,362	02/21/1984	Leckrone, M. E., et al.	607	9	03/08/1982
	US-4,779,617	10/25/1988	Whigham, R. H.	128	419 P	10/06/1986
	US-4,913,146	04/03/1990	DeCote, Jr., Robert	128	419	10/13/1987
	US-5,010,887	04/30/1991	Thornander, H. T.	128	696	11/17/1989
	US-5,188,117	02/23/1993	Steinhaus, B. M., et al.	128	708	10/25/1991
	US-5,209,237	05/11/1993	Rosenthal, Felix	128	698	05/24/1991
	US-5,492,128	02/20/1996	Wickham, John	128	696	10/25/1994
	US-5,522,857	06/04/1996	van Krieken, F. M.	607	9	09/20/1994
	US-5,562,713	10/08/1996	Silvian, S.	607	32	01/18/1995
	US-5,564,430	10/15/1996	Jacobson, P., et al.	128	697	11/16/1994
	US-5,573,550	11/12/1996	Zadeh, Ali E., et al.	607	28	04/28/1995
	US-5,591,214	01/07/1997	Lu, Richard	607	9	11/20/1995
	US-5,613,495	03/25/1997	Mills, G. N., et al.	128	696	07/06/1995
	US-5,647,379	07/15/1997	Meltzer, Mark J.	128	891	11/22/1994
	US-5,697,958	12/16/1997	Paul, P. J., et al.	607	31	06/07/1995
	US-5,702,425	12/30/1997	Wickham, P. J.	607	9	08/13/1996
	US-5,702,427	12/30/1997	Ecker, Robert M., et al.	607	28	03/28/1996
	US-5,709,215	01/20/1998	Perttu, J. S., et al.	128	708	09/06/1995
	US-5,755,738	05/26/1998	Kim, J., et al.	607	9	04/22/1997
	US-5,778,881	07/14/1998	Sun, W., et al.	128	696	12/04/1996
	US-5,782,876	07/21/1998	Flammang, D.	607	4	04/15/1996
	US-5,792,212	08/11/1998	Weijand, Koen J.	607	73	03/07/1997
	US-5,817,130	10/06/1998	Cox, T. J., et al.	607	5	02/20/1997
	US-5,817,135	10/06/1998	Cooper, D., et al.	607	17	05/02/1997
	US-5,865,749	02/02/1999	Doten, G. P., et al.	600	443	11/07/1996
	US-5,867,361	02/02/1999	Wolf, W. D., et al.	361	302	12/18/1997
	US-5,870,272	02/09/1999	Seifried, L. M., et al.	361	302	05/06/1997
	US-5,871,509	02/16/1999	Noren, K.	607	9	04/02/1998

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/643,770
Filing Date	August 19, 2003
First Named Inventor	Palreddy, Surekha
Group Art Unit	3762
Examiner Name	Schaetzle, Kennedy

Sheet 2 of 2

Attorney Docket No: 279.579US1

	US-5,891,171	04/06/1999	Wickham, J.	607	4	10/22/1997
	US-5,897,575	04/27/1999	Wickham, J.	607	4	10/24/1997
	US-5,978,710	11/02/1999	Prutchi, D. , et al.	607	17	01/23/1998
	US-5,999,848	12/07/1999	Gord, J. C., et al.	607	2	09/12/1997
	US-6,031,710	02/29/2000	Wolf, William D., et al.	361	302	12/18/1997
	US-6,063,034	05/16/2000	Doten, Gregory P., et al.	600	448	10/26/1998
	US-6,068,589	05/30/2000	Neukermans, Armand P.	600	25	02/14/1997
	US-6,070,097	05/30/2000	Kreger, K. S., et al.	600	521	12/30/1998
	US-6,195,585	02/27/2001	Karunasiri, Rankiri T., et al.	607	57	06/25/1999
	US-6,198,968	03/06/2001	Prutchi, D. , et al.	607	9	06/15/1999
	US-6,201,993	03/13/2001	Kruse, J. M., et al.	607	30	12/09/1998
	US-6,208,900	03/27/2001	Ecker, R. M., et al.	607	17	03/28/1996
	US-6,223,083	04/24/2001	Rosar, George	607	60	04/16/1999
	US-6,230,059	05/08/2001	Duffin, Edwin G.	607	60	03/17/2002
	US-6,236,882	05/22/2001	Lee, Brian B., et al.	600	509	07/14/1999
	US-6,272,381	08/07/2001	Callaghan, Francis J., et al.	607	26	07/02/1998
	US-6,282,446	08/28/2001	Eberle, J. W., et al.	607	5	08/24/1999

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	WO-01/43820	06/21/2001	Zhu, Q , et al.	A61N	1/37	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		GUNDERSON, BRUCE , "Automatic Identification of ICD Lead Problems Using Electrograms", PACE, Vol. 24, p.664, April 2002, (2002),664	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

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PATENT

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Applicant: Surekha Palreddy et al.

Examiner: Kennedy Schaetzle

Serial No.: 10/643,770

Group Art Unit: 3762

Filed: August 19, 2003

Docket: 279.579US1

Title: METHOD AND SYSTEM FOR NOISE MEASUREMENT IN AN
IMPLANTABLE CARDIAC DEVICE

COMMUNICATION CONCERNING RELATED APPLICATIONS

Commissioner for Patents
MS: Amendment
P.O. Box 1450
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
10/046,650	October 29, 2001	279.399US1	CARDIAC RHYTHM MANAGEMENT SYSTEM WITH NOISE DETECTOR
10/213,364	August 6, 2002	279.573US1	CARDIAC RHYTHM MANAGEMENT SYSTEMS AND METHODS FOR DETECTING OR VALIDATING CARDIAC BEATS IN THE PRESENCE OF NOISE

Respectfully submitted,

SUREKHA PALREDDY ET AL.

By Applicants' Representatives,

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Date 10-25-04

By

J. Kevin Parker
J. Kevin Parker
Reg. No. 33,024

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 25 day of October, 2004.

Name

Paula Suchy

Signature

Paula Suchy